

Title (en)

ELECTRONIC DEVICE, DISPLAY APPARATUS, AND CONTROL METHOD THEREOF

Title (de)

ELEKTRONISCHE VORRICHTUNG, ANZEIGEVORRICHTUNG UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF ÉLECTRONIQUE, APPAREIL D'AFFICHAGE ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

**EP 3493185 A4 20190724 (EN)**

Application

**EP 17867076 A 20171030**

Priority

- KR 20160146738 A 20161104
- KR 2017012094 W 20171030

Abstract (en)

[origin: EP3493185A1] An electronic device is disclosed. The electronic device includes a communication unit; a storage for storing a plurality of images obtained by respectively capturing multiple display modules disposed in a display panel of a display apparatus which displays a predetermined image; and a processor for calculating a target value for at least one of the brightness and color of each of a plurality of sub-pixels constituting the display panel, based on the plurality of images, calculating a correction coefficient for correcting at least one of the brightness and color of each of the multiple sub-pixels to the target value, and controlling the communication unit to transmit the calculated correction coefficient to the display apparatus.

IPC 8 full level

**G09G 3/00** (2006.01); **G09G 3/32** (2016.01)

CPC (source: EP KR US)

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Citation (search report)

- [I] US 2015146017 A1 20150528 - KIM MIN-CHEOL [KR], et al
- [A] US 2016155389 A1 20160602 - BEON NAM-KYUN [KR], et al
- [A] US 2015221078 A1 20150806 - KIM MIN-JUNG [KR], et al
- See references of WO 2018084516A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**EP 3493185 A1 20190605**; **EP 3493185 A4 20190724**; CN 109863549 A 20190607; CN 109863549 B 20220920; KR 102555953 B1 20230717; KR 20180050054 A 20180514; US 11176865 B2 20211116; US 2019213941 A1 20190711; WO 2018084516 A1 20180511

DOCDB simple family (application)

**EP 17867076 A 20171030**; CN 201780064198 A 20171030; KR 20160146738 A 20161104; KR 2017012094 W 20171030; US 201716336226 A 20171030